

Table 15.13
Small Cell Cancer of the Lung and Bronchus (Invasive)

5-Year Relative and Period Survival (Percent) by Race, Sex, Diagnosis Year, Stage and Age

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
5-Year Relative Survival (Percent)									
Year of Diagnosis:									
1975-1977 ^a	3.6	3.1	4.8	3.7	3.1	4.9	3.7	3.8	3.6
1978-1980 ^a	4.2	3.2	6.4	4.3	3.3	6.4	3.1	2.4	5.0
1981-1983 ^a	4.5	3.5	6.2	4.6	3.6	6.1	5.0	3.7	8.2
1984-1986 ^a	4.5	3.5	6.2	4.7	3.6	6.4	3.5	2.2	5.6
1987-1989 ^a	5.1	3.9	6.6	5.1	3.9	6.8	4.0	3.3	5.1
1990-1992 ^a	5.4	4.5	6.4	5.4	4.5	6.6	4.2	3.9	4.4
1993-1995 ^a	6.4	5.1	7.9	6.3	5.0	7.6	6.7	4.0	10.4
1996-1998 ^a	5.9	5.2	6.5	6.0	5.4	6.7	3.6	2.6	4.5
1999-2001 ^a	5.7	4.8	6.7	5.6	4.4	6.9	5.2	6.0	4.2
2002-2005 ^a	6.6	4.9	8.3	6.5	4.5	8.5	5.7	5.4	5.9
2006-2012 ^a	6.6 ^e	5.4 ^e	7.9 ^e	6.5 ^e	5.3 ^e	7.7 ^e	7.0 ^e	4.9 ^e	9.0
5-Year Period Survival (Percent) ^{bc}									
2012	6.3	5.0	7.6	6.1	4.8	7.5	7.3	6.5	8.1
Stage Distribution (%) 2006-2012 ^{bd}									
All Stages									
Number of cases	34,875	17,568	17,307	30,313	15,061	15,252	3,080	1,578	1,502
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	4	4	4	4	4	4	4	4	4
Regional	20	18	22	20	18	22	20	18	23
Distant	74	76	72	74	76	72	74	76	72
Unstaged	2	2	2	2	2	2	2	2	2
5-Year Relative Survival (Percent), 2006-2012 ^b									
Age at Diagnosis:									
Ages <45	11.8	11.1	12.4	11.3	10.6	12.1	12.5	11.0 ^f	13.2 ^f
Ages 45-54	9.4	7.6	11.3	9.2	7.0	11.4	10.2	9.3	11.4
Ages 55-64	8.2	6.2	10.4	8.1	6.1	10.1	8.6	4.8	12.8
Ages 65-74	5.8	4.7	6.9	5.9	4.7	7.0	4.7	4.1	5.2
Ages 75+	3.3	3.0	3.5	3.2	2.9	3.5	4.3	5.0	3.9
Ages <65	8.7	6.7	10.7	8.5	6.5	10.5	9.3	6.6	12.4
Ages 65+	4.7	4.0	5.4	4.8	4.0	5.5	4.6	4.4	4.7
Stage ^d :									
All Stages	6.4	5.2	7.6	6.3	5.1	7.5	7.0	5.6	8.4
Localized	27.5	23.9	30.9	27.7	24.2	30.4	27.5 ^f	23.0 ^f	32.8 ^f
Regional	14.7	12.7	16.4	14.7	12.6	16.5	14.2	11.8	16.1
Distant	2.9	2.4	3.5	2.8	2.3	3.3	3.9	2.9	4.9
Unstaged	7.8	5.5	9.9	7.4	4.1	10.2	9.1	13.2 ^f	5.2

Note: Small Cell Cancer of the Lung and Bronchus includes histologies 8002, 8041-8045.

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Based on follow-up of patients into 2013.

^b SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG).

Based on follow-up of patients into 2013.

^c Period survival provides a 2012 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2010-2012: 0-1 year survival), (2009-2011: 1-2 year survival), (2008-2010: 2-3 year survival), (2007-2009: 3-4 year survival), (2006-2008: 4-5 years survival).

^d Stage at diagnosis is classified using SEER Summary Stage 2000. Stage distribution percentages may not sum to 100 due to rounding.

^e The difference between 1975-1977 and 2006-2012 is statistically significant ($p < .05$).

^f The standard error is between 5 and 10 percentage points.

^g The standard error is greater than 10 percentage points.

- Statistic could not be calculated due to fewer than 25 cases during the time period.